

Data File : VU027625.D
Acq On : 12 Oct 2018 15:49
Operator : MD/SY
Sample : J5403-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08Z5

Quant Time: Oct 13 01:41:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 13 01:37:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	170171	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	156353	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	63750	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	54589	40.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.52%
7) Chloroethane-d5	1.68	69	44691	43.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.64%
11) 1,1-Dichloroethene-d2	2.27	63	79504	31.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.30%
21) 2-Butanone-d5	4.18	46	104208	96.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.39%
24) Chloroform-d	4.65	84	97791	45.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.30%
26) 1,2-Dichloroethane-d4	5.31	65	67979	45.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.58%
32) Benzene-d6	5.34	84	196526	43.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.72%
36) 1,2-Dichloropropane-d6	6.33	67	71454	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.10%
41) Toluene-d8	7.57	98	160489	40.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.14%
43) trans-1,3-Dichloropropene-	7.85	79	29130	39.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.78%
47) 2-Hexanone-d5	8.31	63	71077	91.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	92623	46.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	56367	45.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

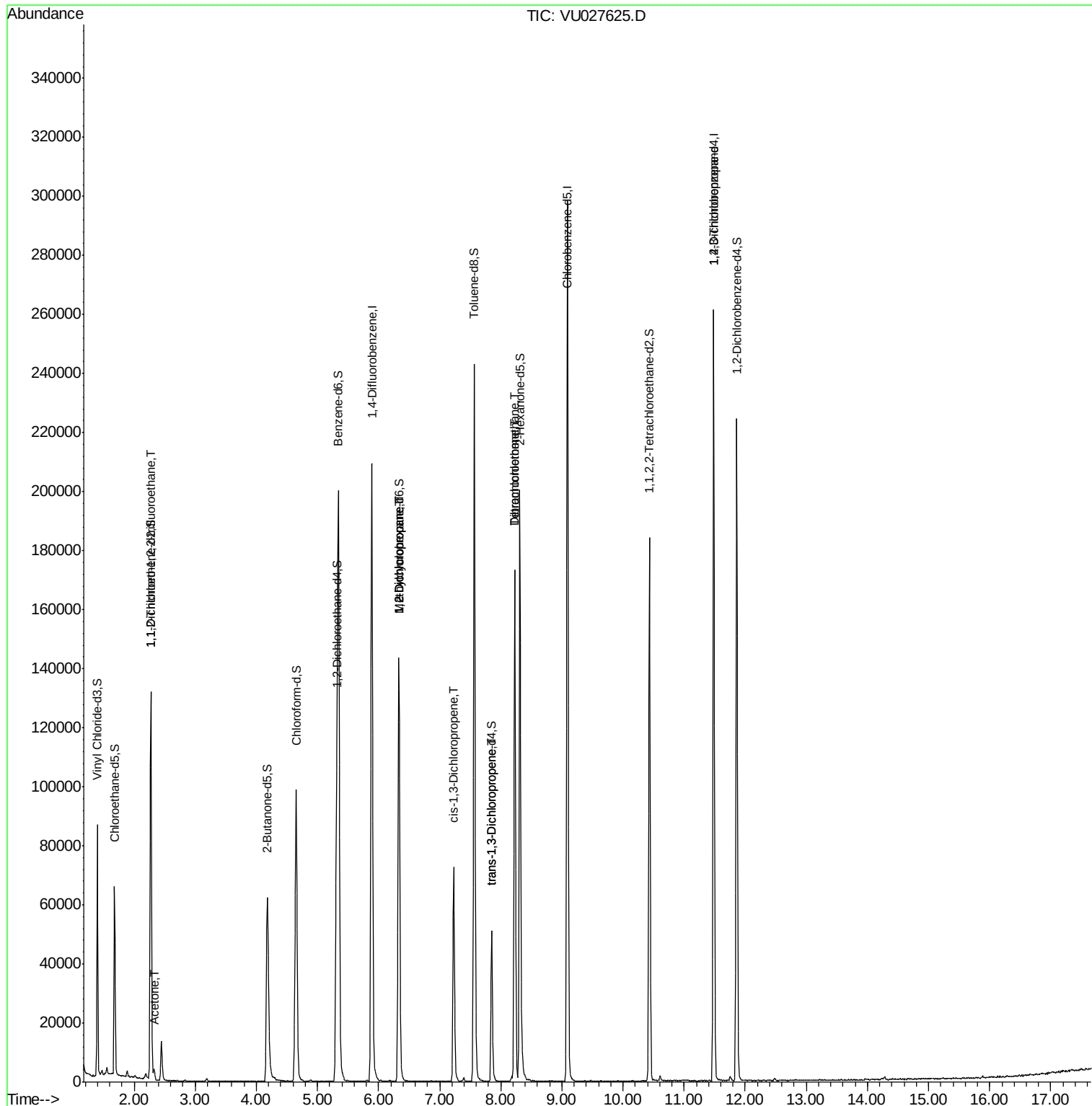
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	691	0.614	ug/L #	21
13) Acetone	2.33	43	2677	3.019	ug/L	93
35) Methylcyclohexane	6.33	83	15389	7.168	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	7340	4.931	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1507	0.689	ug/L #	55
44) trans-1,3-Dichloropropene	7.85	75	1082	0.533	ug/L	90
46) Tetrachloroethene	8.23	164	39289	42.783	ug/L	98
49) Dibromochloromethane	8.23	129	36747	29.492	ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	8383	4.974	ug/L #	86

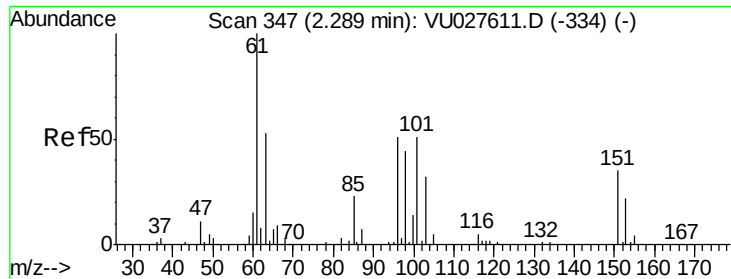
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.614 ug/L

RT: 2.27 min Scan# 342

Delta R.T. -0.02 min

Lab File: VU027625.D

Acq: 12 Oct 2018 15:49

Instrument :

MSVOA_U

ClientSampleId :

C08Z5

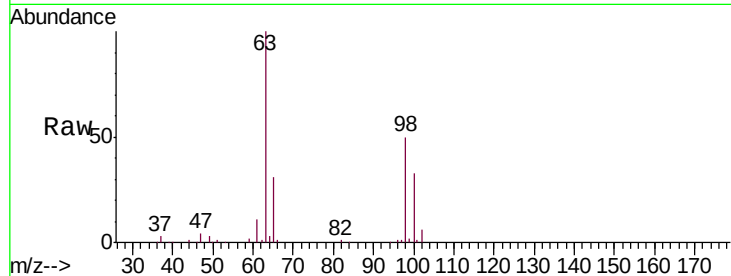
Tgt Ion:101 Resp: 691

Ion Ratio Lower Upper

101 100

85 0.0 35.9 53.9#

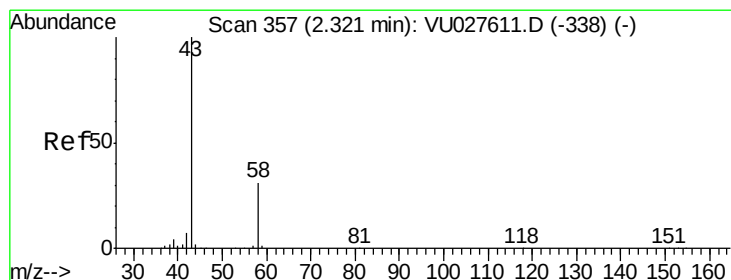
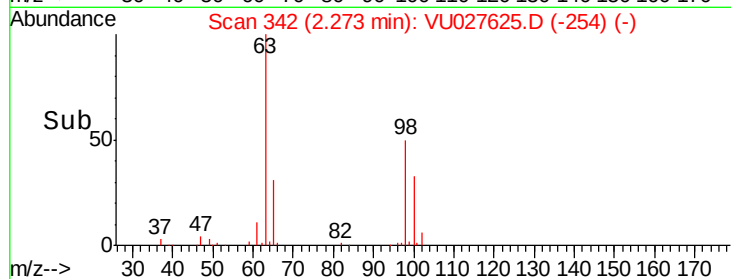
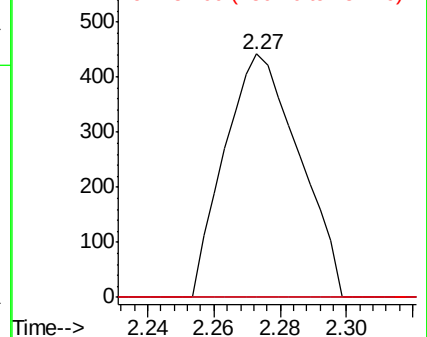
151 0.0 55.7 83.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 3.019 ug/L

RT: 2.33 min Scan# 359

Delta R.T. 0.01 min

Lab File: VU027625.D

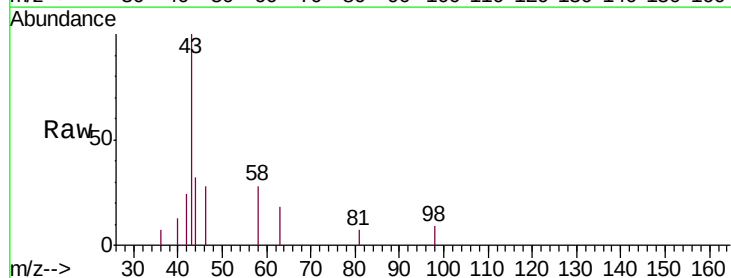
Acq: 12 Oct 2018 15:49

Tgt Ion: 43 Resp: 2677

Ion Ratio Lower Upper

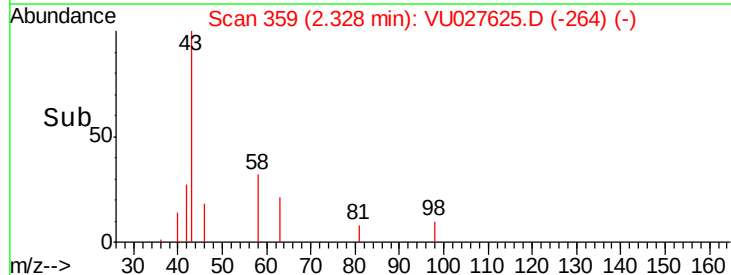
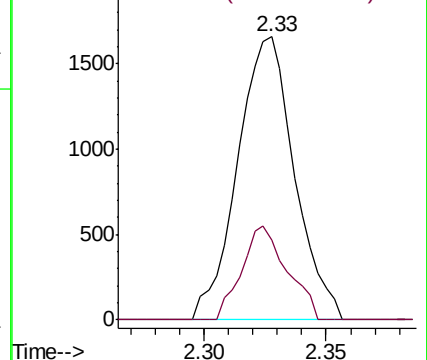
43 100

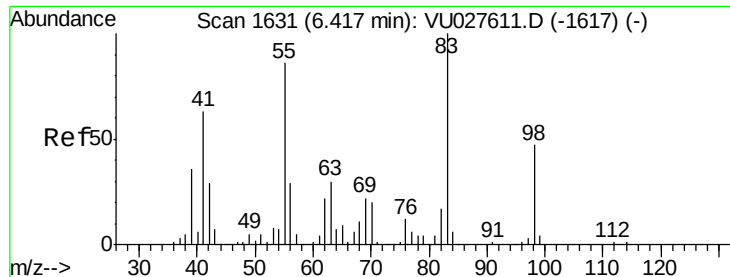
58 26.5 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

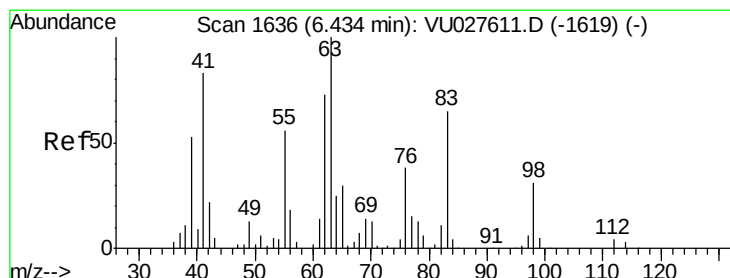
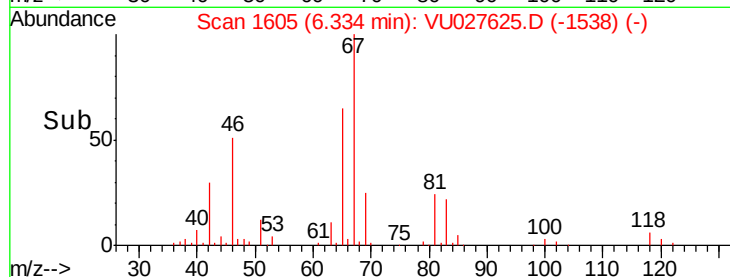
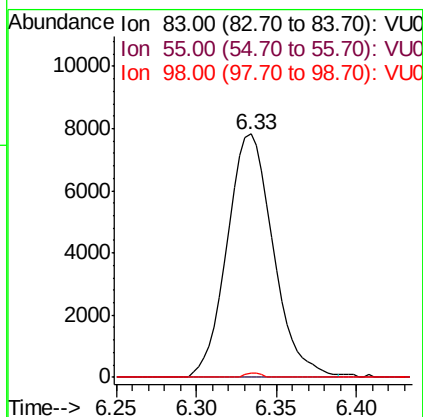
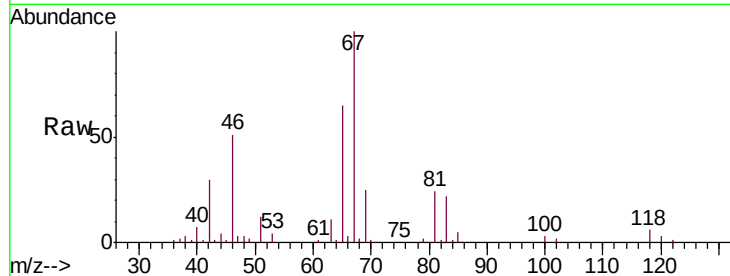




#35
Methylcyclohexane
Concen: 7.168 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027625.D
Acq: 12 Oct 2018 15:49

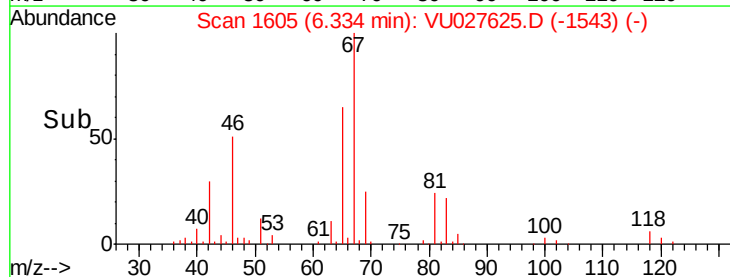
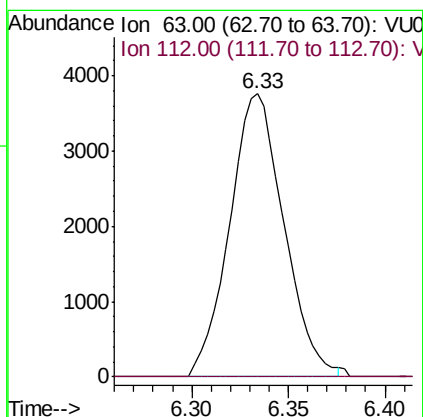
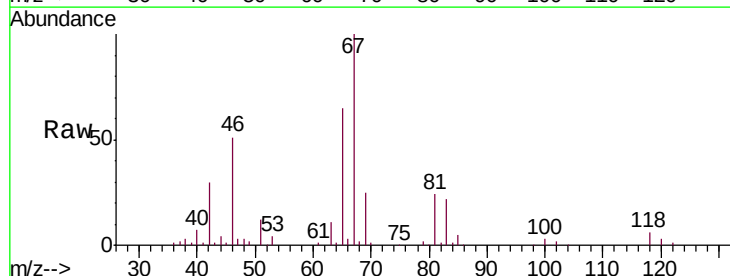
Instrument :
MSVOA_U
ClientSampleId :
C08Z5

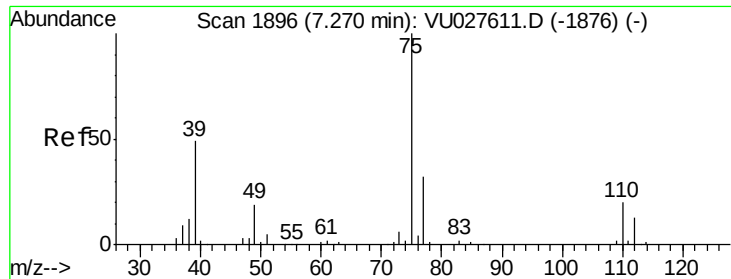
Tgt Ion: 83 Resp: 15389
Ion Ratio Lower Upper
83 100
55 0.0 69.9 104.9#
98 0.6 37.1 55.7#



#37
1,2-Dichloropropane
Concen: 4.931 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027625.D
Acq: 12 Oct 2018 15:49

Tgt Ion: 63 Resp: 7340
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#

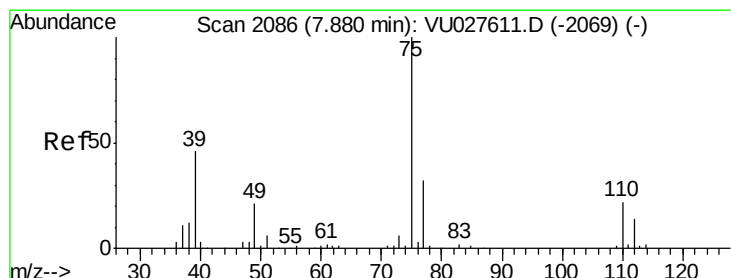
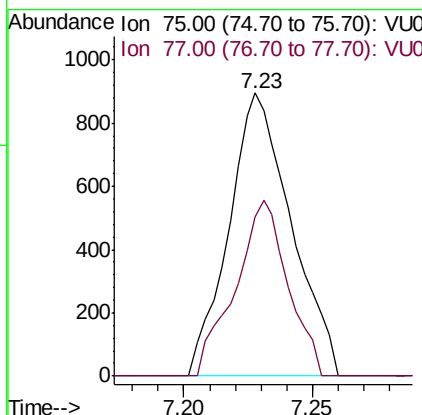
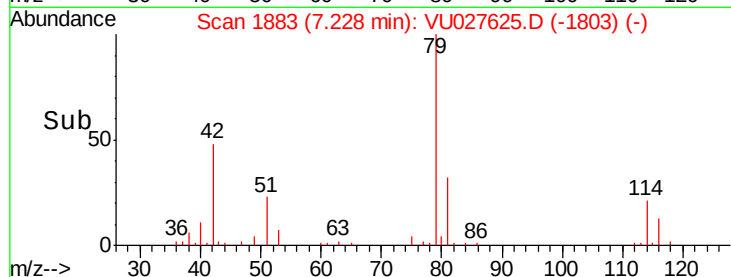
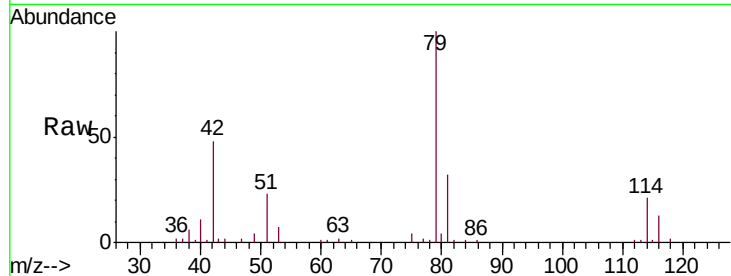




#39
 cis-1,3-Dichloropropene
 Concen: 0.689 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU027625.D
 Acq: 12 Oct 2018 15:49

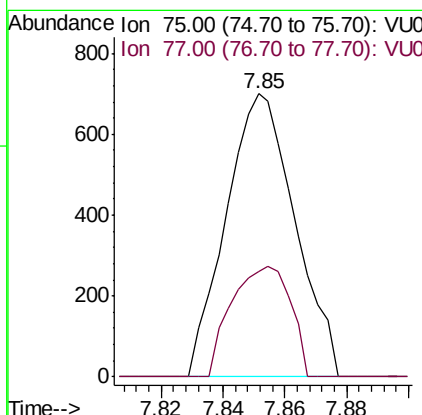
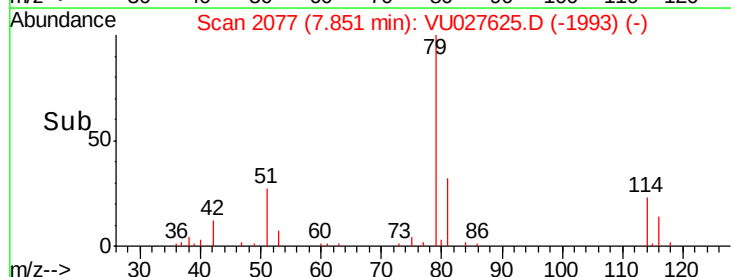
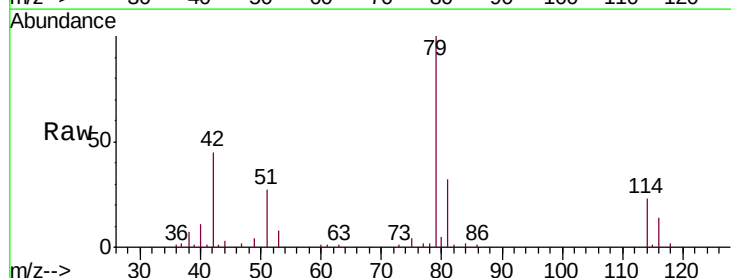
Instrument :
 MSVOA_U
 ClientSampleId :
 C08Z5

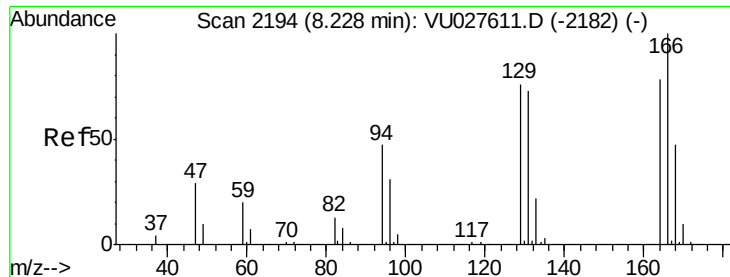
Tgt Ion: 75 Resp: 1507
 Ion Ratio Lower Upper
 75 100
 77 56.3 22.1 41.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.533 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU027625.D
 Acq: 12 Oct 2018 15:49

Tgt Ion: 75 Resp: 1082
 Ion Ratio Lower Upper
 75 100
 77 37.1 22.2 41.2





#46

Tetrachloroethene

Concen: 42.783 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.00 min

Lab File: VU027625.D

Acq: 12 Oct 2018 15:49

Instrument :

MSVOA_U

ClientSampled :

C08Z5

Tgt Ion:164 Resp: 39289

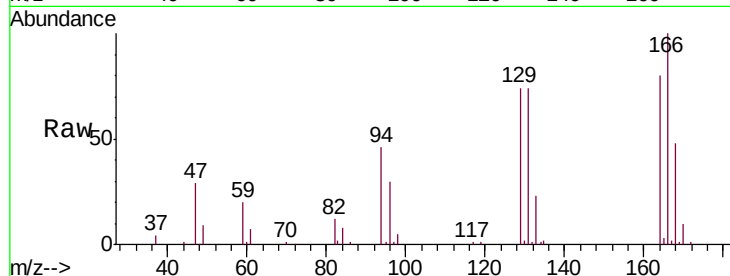
Ion Ratio Lower Upper

164 100

129 92.6 67.0 124.4

131 92.5 65.1 120.9

166 125.5 90.4 167.8

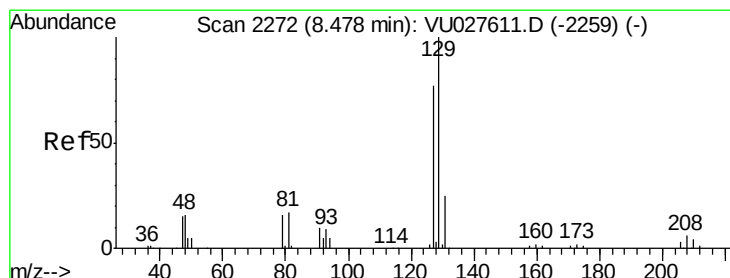
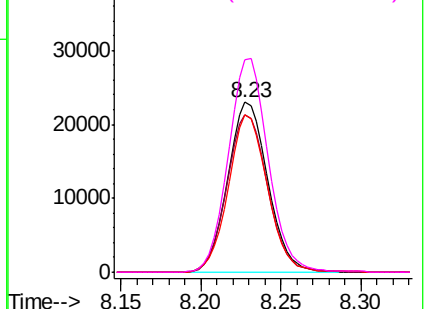
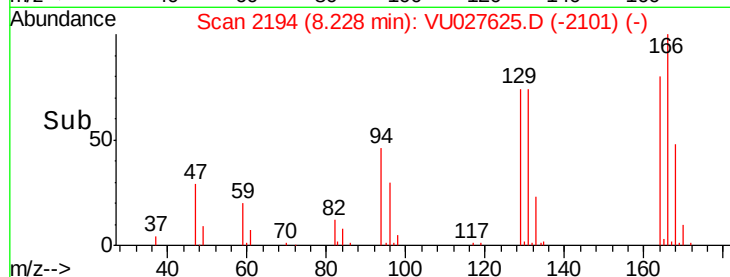


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

Dibromochloromethane

Concen: 29.492 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. -0.25 min

Lab File: VU027625.D

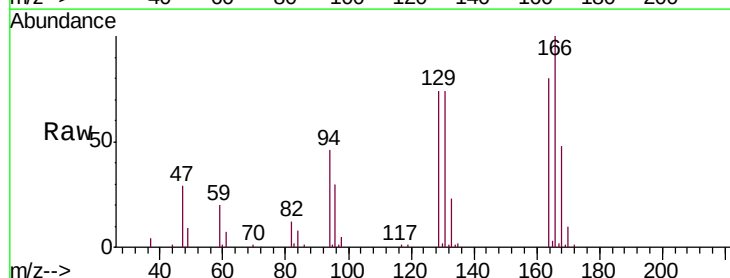
Acq: 12 Oct 2018 15:49

Tgt Ion:129 Resp: 36747

Ion Ratio Lower Upper

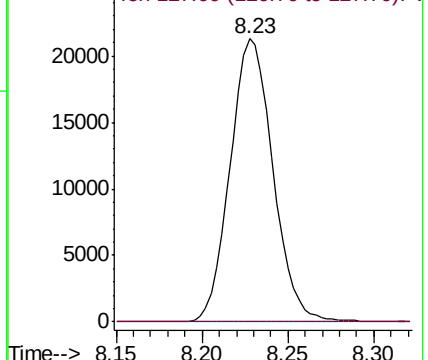
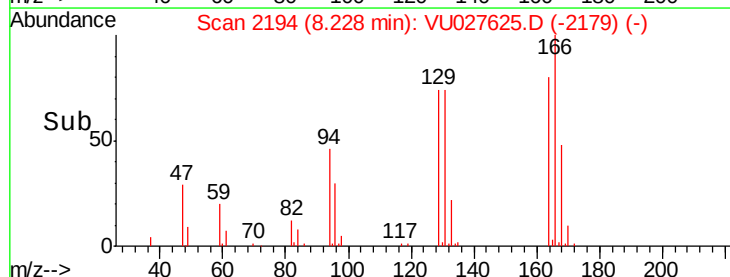
129 100

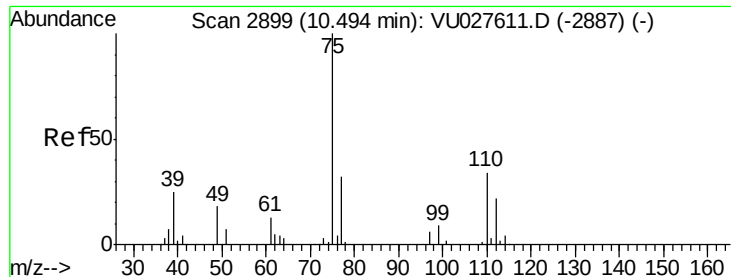
127 0.0 52.7 97.9#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V





#59

1,2,3-Trichloropropane

Concen: 4.974 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027625.D

Acq: 12 Oct 2018 15:49

Instrument :

MSVOA_U

ClientSampleId :

C08Z5

Tgt Ion: 75 Resp: 8383

Ion Ratio Lower Upper

75 100

77 39.7 25.7 38.5#

